



CAROMA

COOLIBAH CONTEMPORARY - OVERHEAD & HAND SHOWER ON RAIL

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Shower rail connector (21) is fitted with a flow regulated check valve (20). Handshower (24) is fitted with a flow regulator (23). Shower head (31) is fitted with a flow regulator (30). Note: Warranty is void if flow regulated check valve (20) and flow regulators (23 & 30) are not installed as shown.
- * Not suitable for gravity feed systems.
- * The flow of water to the handshower & showerhead is regulated. This lower flow rate may not be suitable for connection to some gravity fed Water Heaters, low pressure supply networks, Instantaneous Water Heaters, Tempering Valves, Solar Water Heaters & Thermostatic Mixing Valves. Check with the manufacturers of these products.
- * All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- * **SHOWER RAIL (10) MUST NOT BE USED AS A GRAB RAIL.**
- * Centre of drilled hole for attachment of shower rail bracket (12) must be vertically in alignment with the centre of the threaded nipple (2).

Installation

- 1) Check that threaded nipple (2) is the correct length from the wall plate (1), as shown. Accurately cut to length if required ensuring end face is square. Apply thread tape to the thread.
Important: Care must be taken that thread tape cannot become dislodged and block the flow regulating devices, causing a reduction in water flow.
- 2) Slide wall plate (1) over threaded nipple (2). Screw on adaptor (3) until it bottoms against wall plate (1), taking care that the wall plate is vertically aligned when the adaptor is tightened. DO NOT OVERTIGHTEN. Apply suitable lubricant to 'O'Rings on adaptor (3).
- 3) Mark the position for the mounting spigot (14) drilled hole at a suitable distance from the threaded nipple (2). (Fig 1.)
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
 - i) Drill one hole 9.5mm (3/8") diameter, 40mm deep.
 - ii) Fold the wings of the anchor (13) inwards, as shown.
 - iii) Insert the folded anchor (13) into the drilled hole and tap until the head is flush with the wall surface.
- 5) **CAVITY WALLS:-** (Villaboard/tile etc)

Note: Total wall thickness must be between 16-19mm.

 - i) Drill one hole 9.5mm (3/8") diameter.
 - ii) Fold the wings of the anchor (13) inwards, as shown.
 - iii) Insert the folded anchor (13) into the drilled hole and tap until the head is flush with the wall surface.
 - iv) Insert a small allen key or nail into the hole of the anchor (13) to spread the wings of the anchor behind the wall (Fig.1).

IMPORTANT

Pressure & Temperature Requirements.

- Hot and cold water inlet pressures should be equal.
- Static inlet pressure range : 150 -1000 kPa
New Regulation:- 500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.

- 5) Insert screw (15) into hole in mounting spigot (14) as shown, assemble screw into installed wall anchor (13) & tighten. DO NOT OVERTIGHTEN.
- 6) Fit seal (9) into diverter body (4) then screw in shower rail (10) & tighten firmly by hand to provide a watertight connection. Slide the handshower holder (11) followed by bracket (12) onto shower rail (10) as shown then fit rail assembly onto wall as follows:-
Locate diverter body (4) onto adaptor (3) & bracket (12) onto mounting spigot (14). Push the rail assembly against the wall/tile face then tighten screws (7 & 16) using a 2.5mm allen key (8).
- 7) Ensure that flow regulated check valve (20) is in position in connector (21). Check that sealing washers (19) are installed into shower hose fittings then screw the shorter conical nut (18) of the shower hose (17) onto the connector (21) & tighten. Connect the remaining conical fitting (22) of the shower hose (17) onto the handshower (24) & tighten. Place handshower into holder (11).
Important: If water does not flow from handshower (24) make sure that check valve (20) is installed with the arrow pointing in the direction of flow.
Note: Height of hand shower can be adjusted by rotating lever knob to release then sliding shower bracket (11) up or down on rail (10).
- 8) Ensure flow regulator (30) and rubber washer (29) are in position in shower head (31). Carefully screw shower head (31) onto thread of shower arm (28) using a 22mm A/F spanner & tighten. If necessary, install retainer (27) into groove of spigot (5) and fit shower arm (28) onto spigot (5) as shown. Install retaining screw (26) and tighten using a 2mm allen key (25).
Note: To deliver water to shower head (31), indicator on diverter handle (6) must be in the **vertically up** position. To deliver water to the hand shower (24), the indicator must be in the **vertically down** position (as shown).

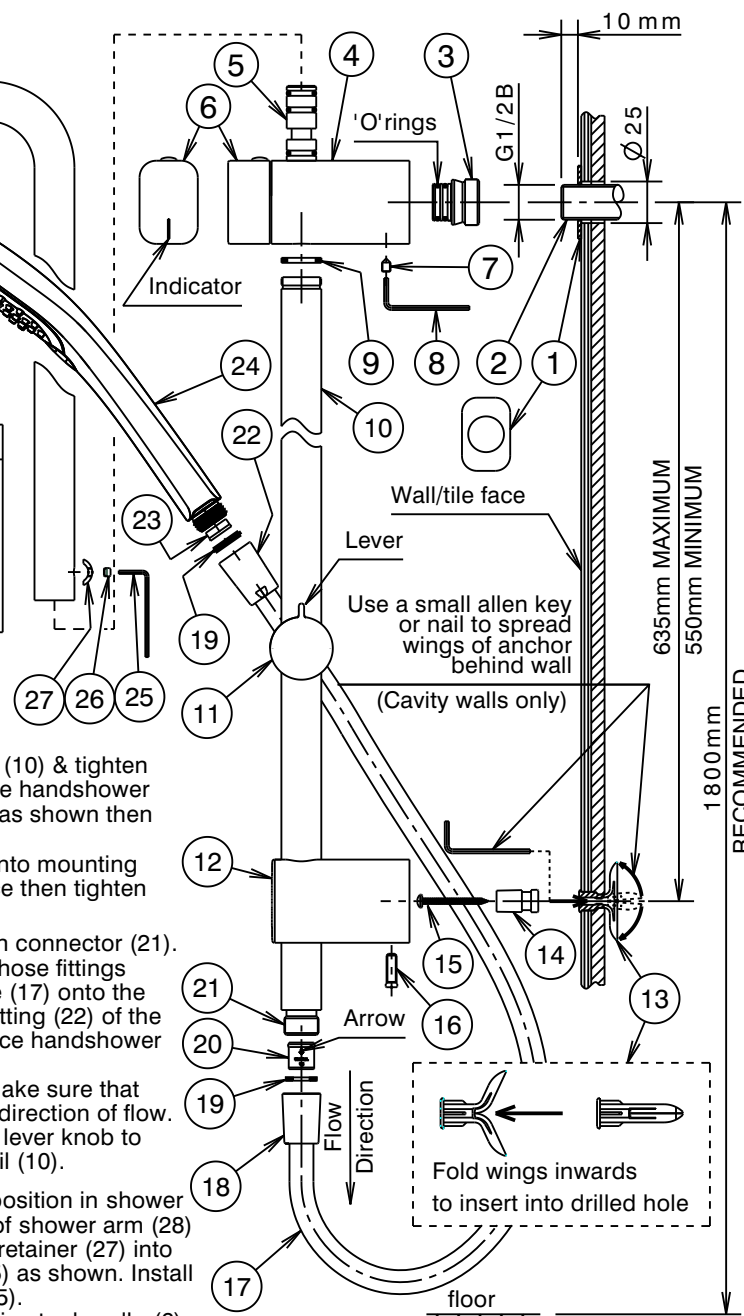


Fig. 1

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